

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091318\
 Data File : VN051171.D
 Acq On : 13 Sep 2018 15:44
 Operator : MD\SY
 Sample : PB112798ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112798ZHE#05

Quant Time: Sep 14 03:13:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	551204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	885687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	756701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	223873	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	344713	56.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.40%	
35) Dibromofluoromethane	7.59	113	335167	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
50) Toluene-d8	10.09	98	1210704	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
62) 4-Bromofluorobenzene	12.40	95	307253	36.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.56%	

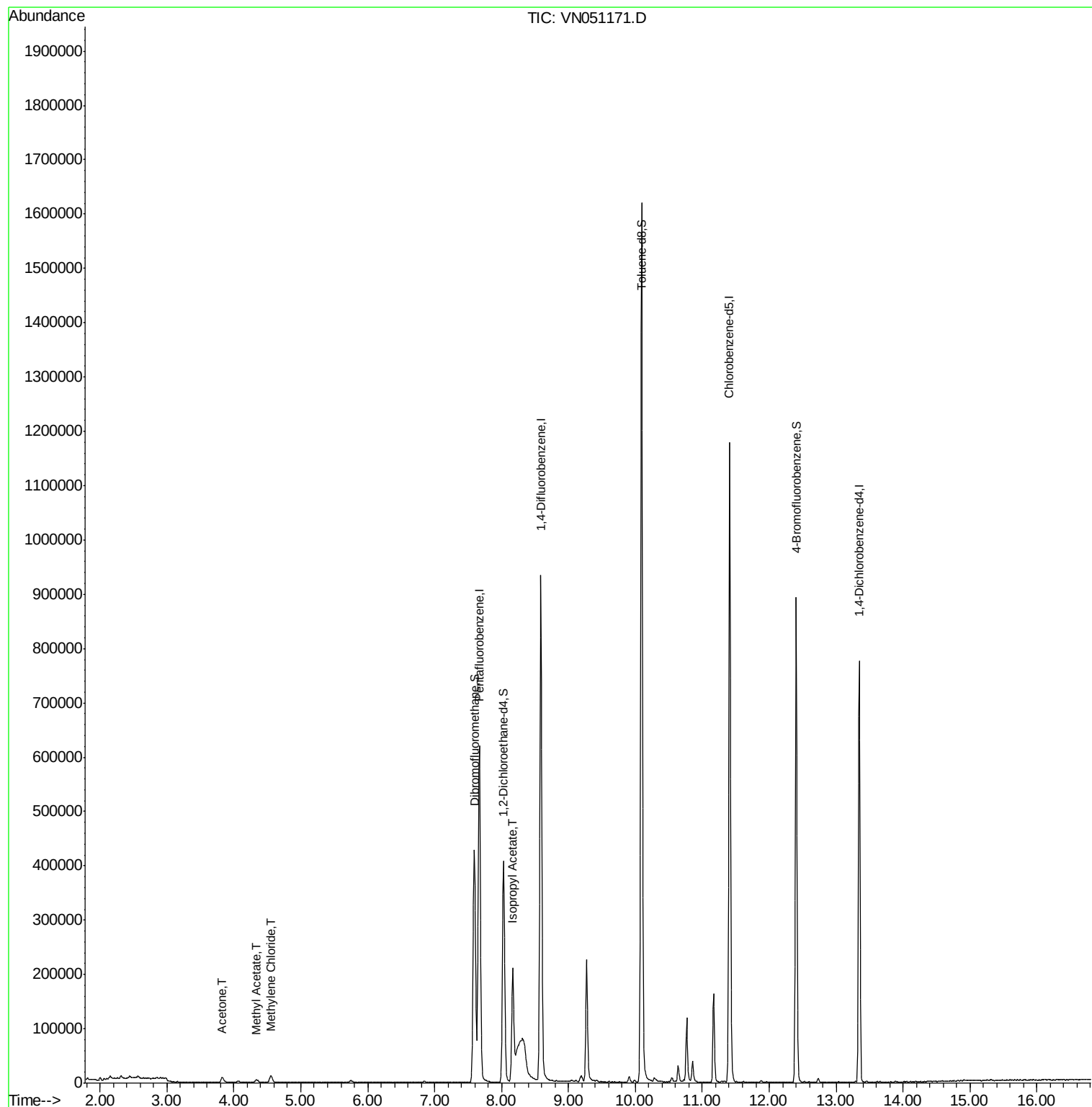
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	15875	4.74	ug/l	99
18) Methyl Acetate	4.33	43	9570	1.95	ug/l #	78
20) Methylene Chloride	4.55	84	10254	1.51	ug/l	96
43) Isopropyl Acetate	8.17	43	256194	25.78	ug/l #	86

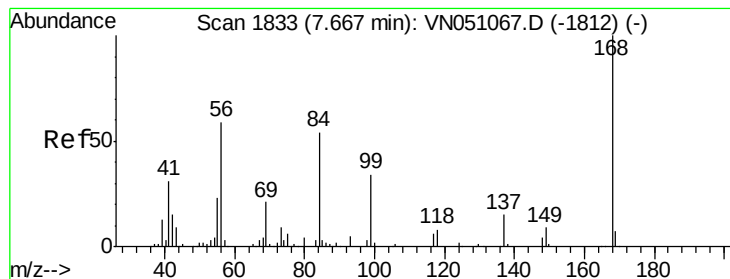
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051171.D

Acq: 13 Sep 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

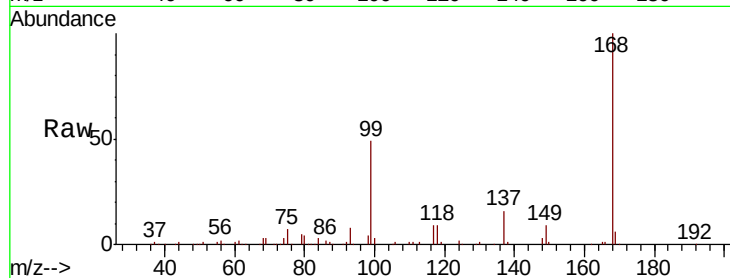
PB112798ZHE#05

Tot Ion:168 Resp: 551204

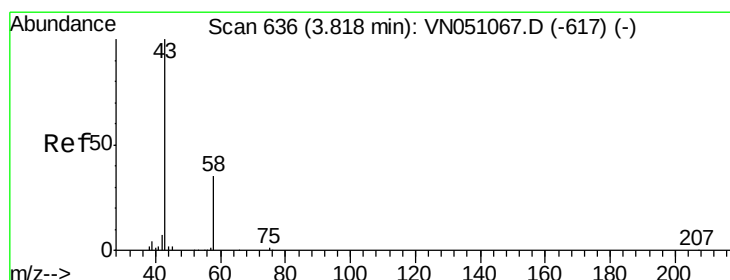
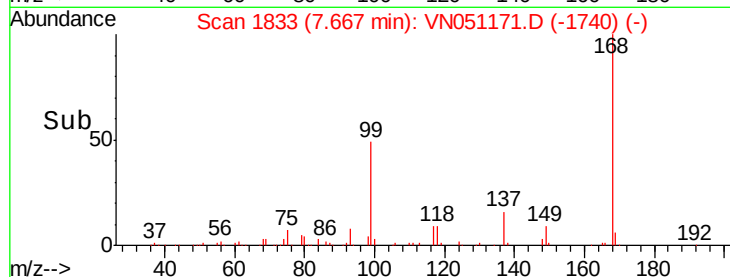
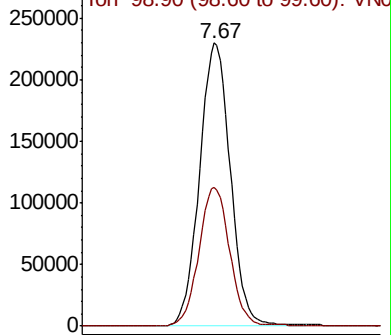
Ion Ratio Lower Upper

168 100

99 49.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051171.D (-1740) (-)



#16

Acetone

Concen: 4.74 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051171.D

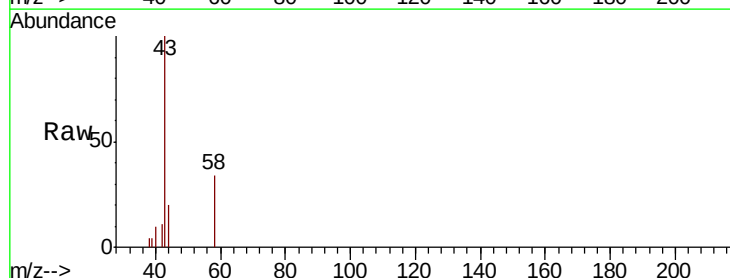
Acq: 13 Sep 2018 15:44

Tgt Ion: 43 Resp: 15875

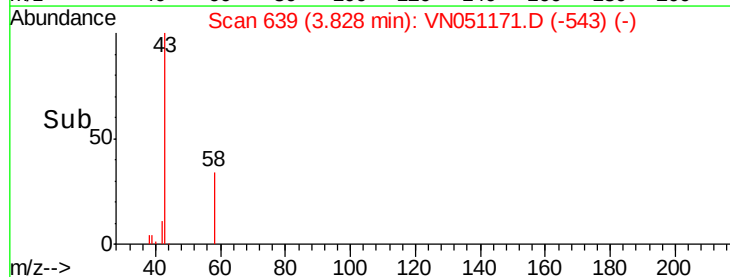
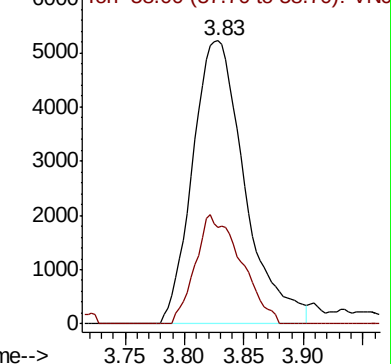
Ion Ratio Lower Upper

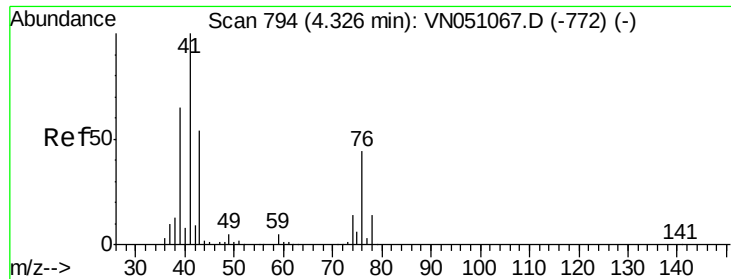
43 100

58 34.3 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051171.D (-543) (-)

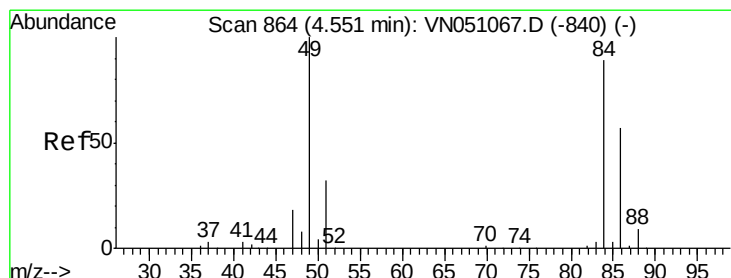
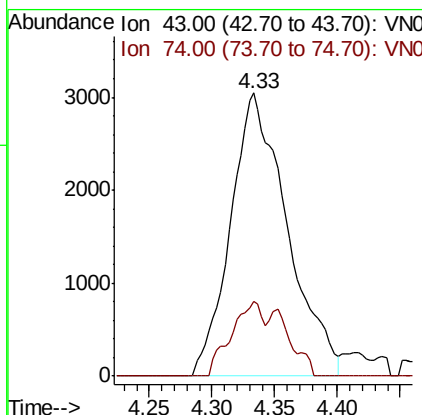
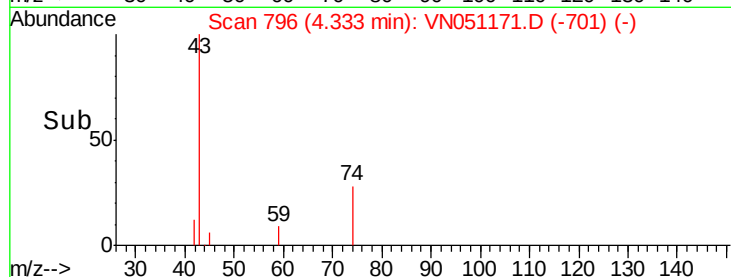
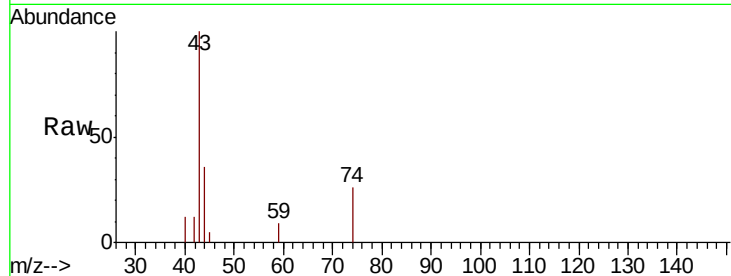




#18
Methvl Acetate
Concen: 1.95 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051171.D
Acq: 13 Sep 2018 15:44

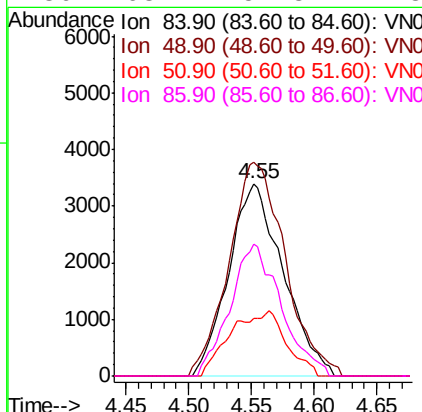
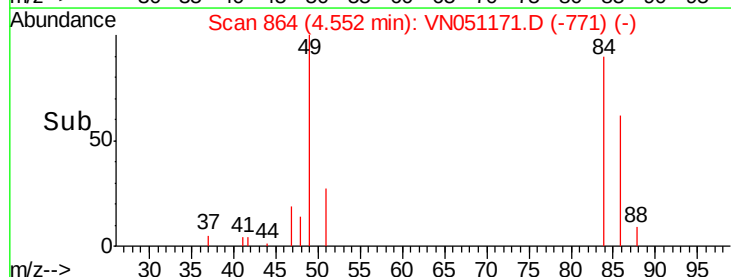
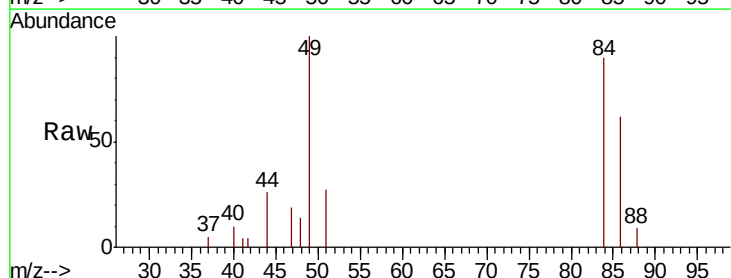
Instrument :
MSVOA_N
ClientSampleId :
PB112798ZHE#05

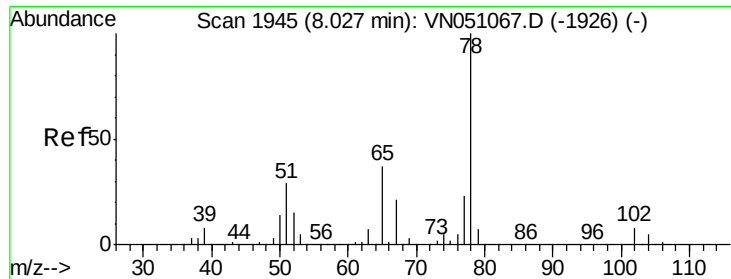
Tot Ion: 43 Resp: 9570
Ion Ratio Lower Upper
43 100
74 14.9 20.7 31.1#



#20
Methylene Chloride
Concen: 1.51 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN051171.D
Acq: 13 Sep 2018 15:44

Tgt Ion: 84 Resp: 10254
Ion Ratio Lower Upper
84 100
49 110.9 90.2 135.2
51 30.1 28.4 42.6
86 68.4 51.8 77.8

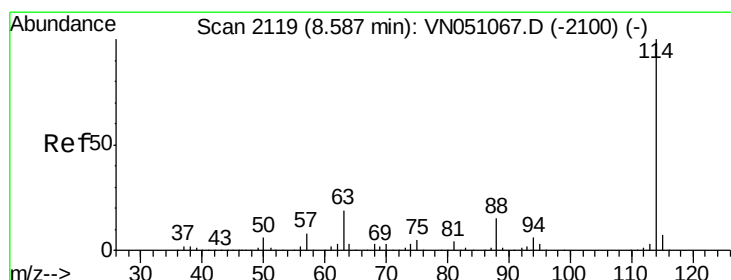
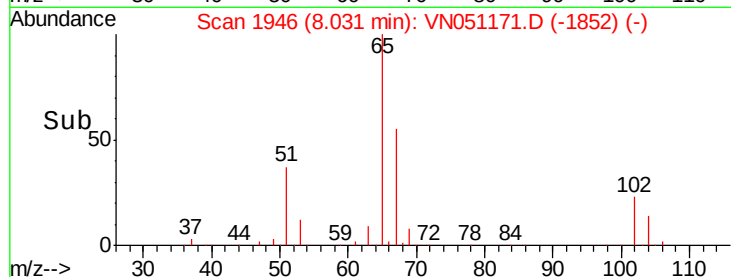
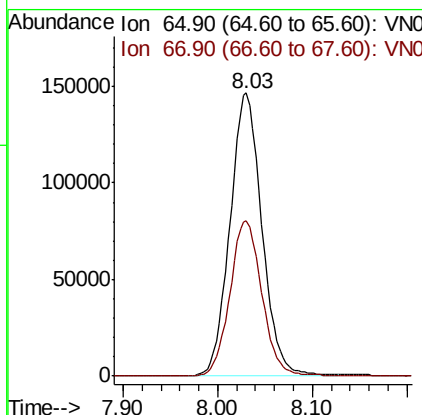
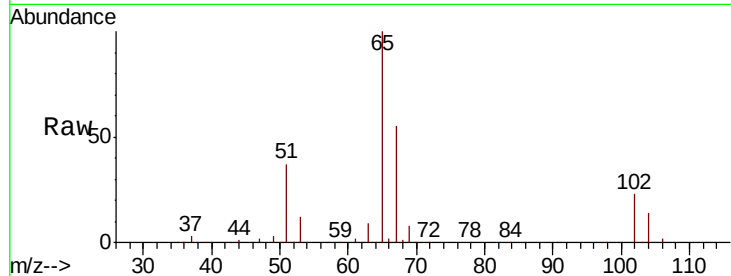




#33
 1,2-Dichloroethane-d4
 Concen: 56.20 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051171.D
 Acq: 13 Sep 2018 15:44

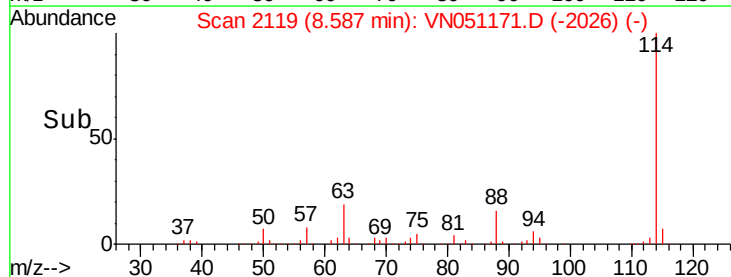
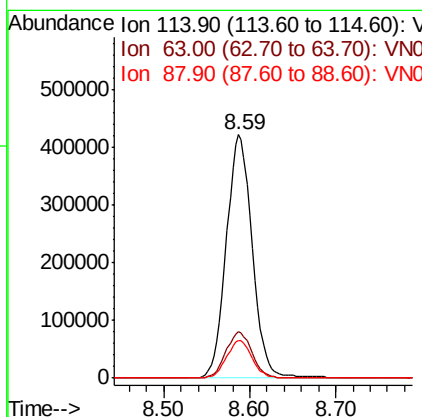
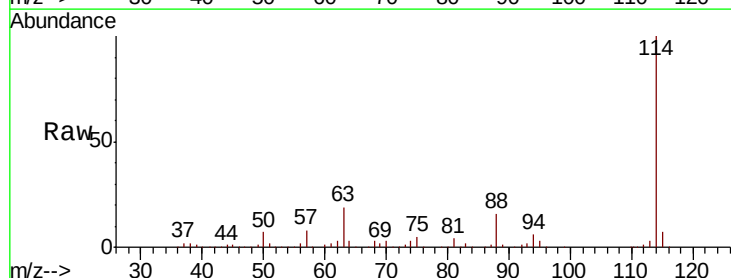
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112798ZHE#05

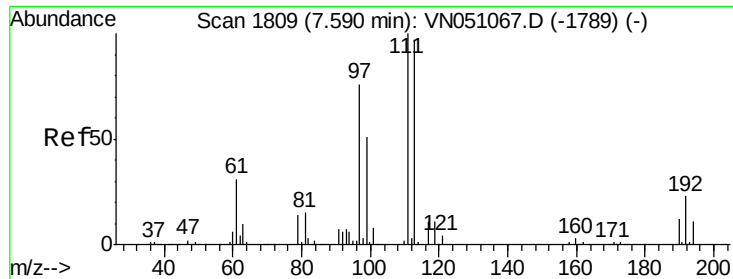
Tot Ion: 65 Resp: 344713
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051171.D
 Acq: 13 Sep 2018 15:44

Tgt Ion: 114 Resp: 885687
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.8
 88 15.6 0.0 30.8

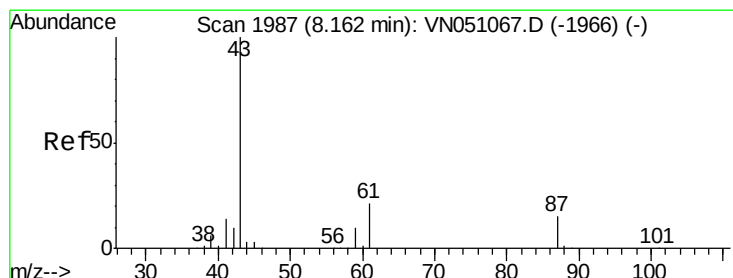
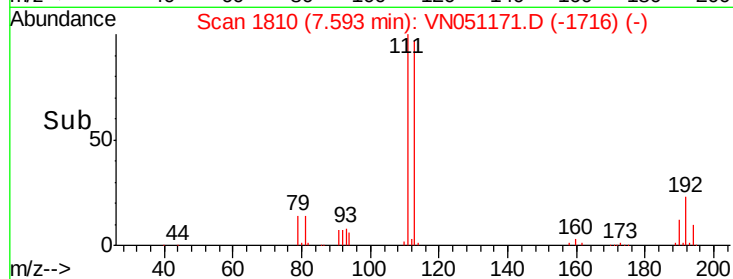
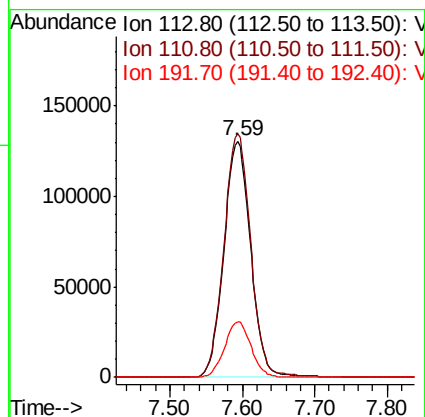
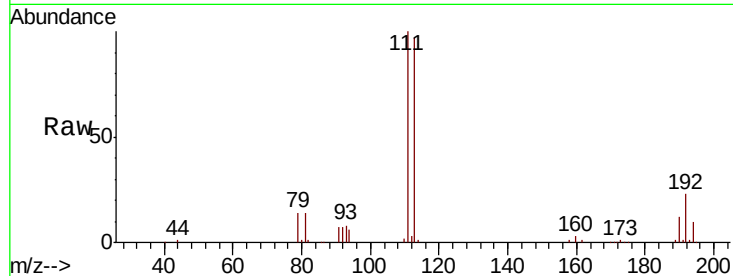




#35
 Dibromofluoromethane
 Concen: 50.36 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051171.D
 Acq: 13 Sep 2018 15:44

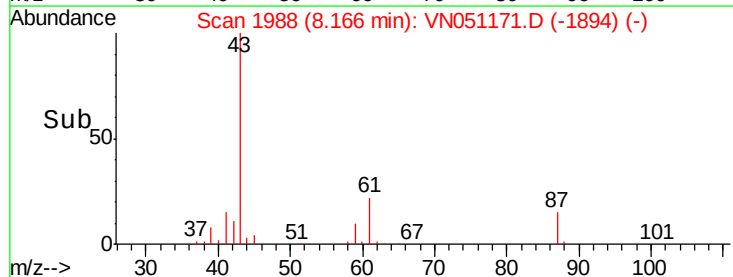
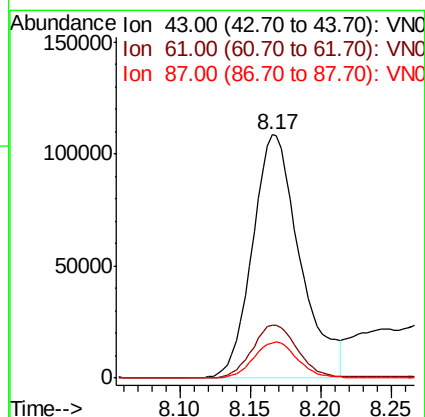
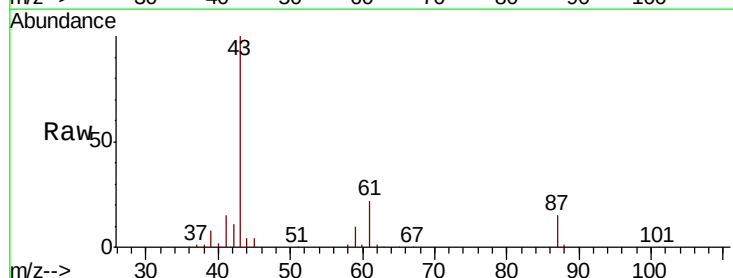
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112798ZHE#05

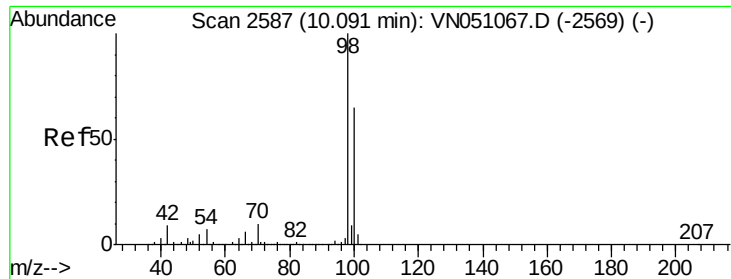
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.0	124.6
192	23.3	18.7	28.1



#43
 Isopropyl Acetate
 Concen: 25.78 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN051171.D
 Acq: 13 Sep 2018 15:44

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.8	25.0	37.6#
87	13.6	11.8	17.8





#50

Toluene-d8

Concen: 47.94 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051171.D

Acq: 13 Sep 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

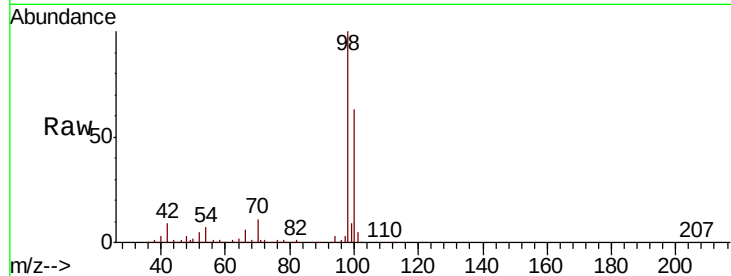
PB112798ZHE#05

Tot Ion: 98 Resp: 1210704

Ion Ratio Lower Upper

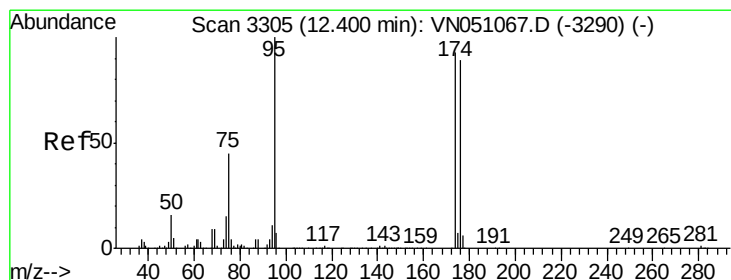
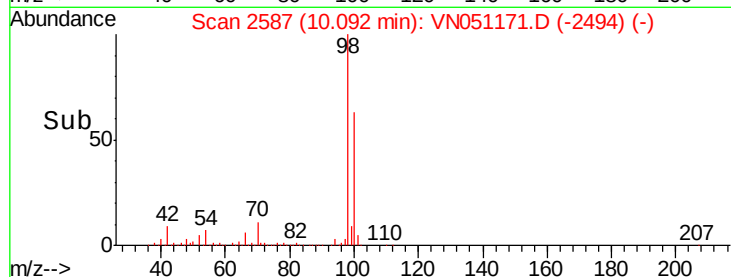
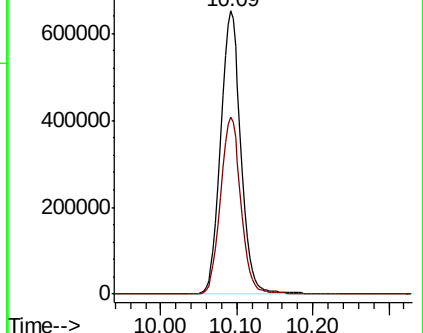
98 100

100 62.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051067.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN051171.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: 36.78 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051171.D

Acq: 13 Sep 2018 15:44

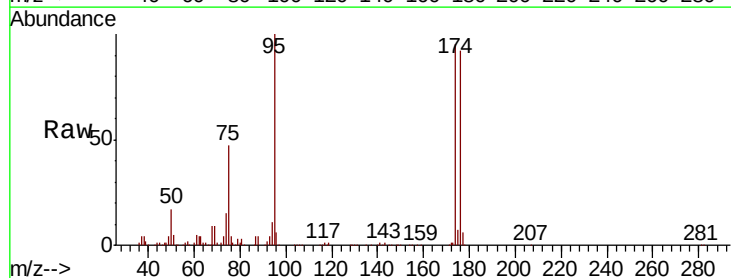
Tgt Ion: 95 Resp: 307253

Ion Ratio Lower Upper

95 100

174 95.4 0.0 184.8

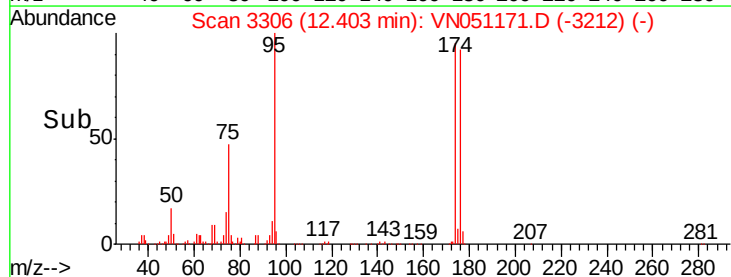
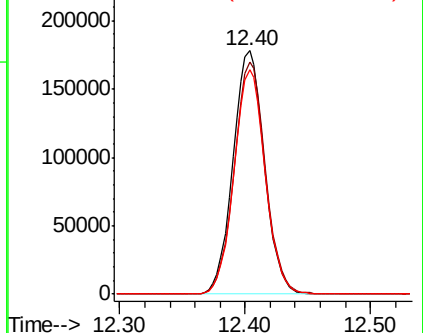
176 91.9 0.0 178.6

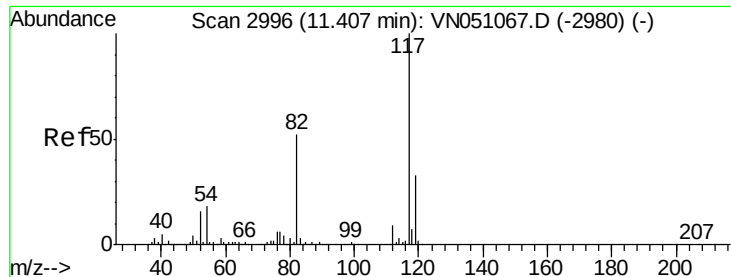


Abundance Ion 94.90 (94.60 to 95.60): VN051067.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051067.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051171.D (-3212) (-)





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051171.D

Acq: 13 Sep 2018 15:44

Instrument :

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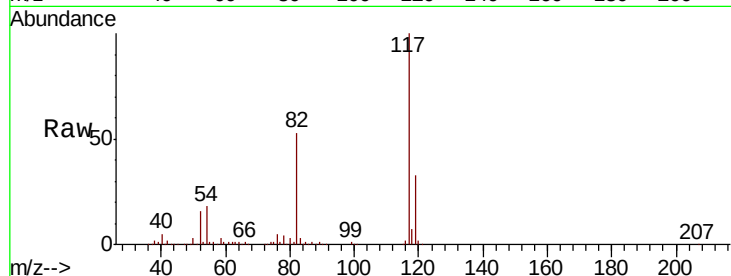
Tot Ion:117 Resp: 756701

Ion Ratio Lower Upper

117 100

82 52.7 41.8 62.6

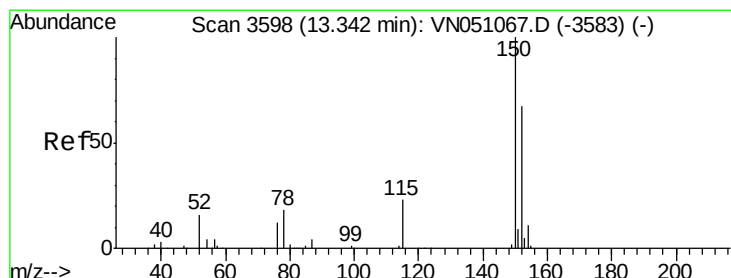
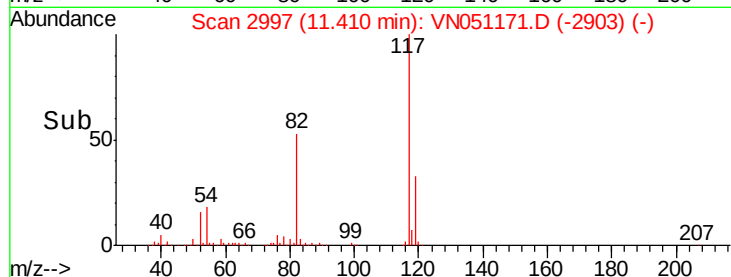
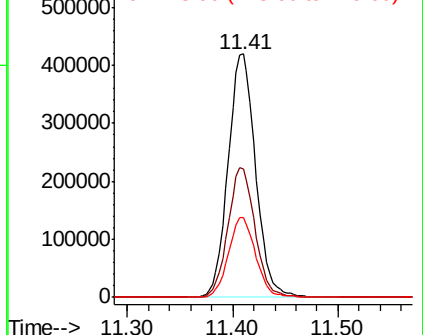
119 32.6 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051171.D

Acq: 13 Sep 2018 15:44

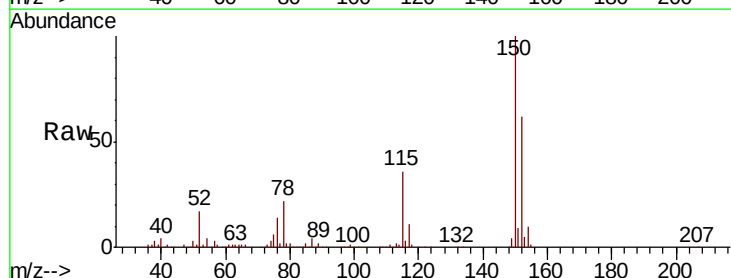
Tgt Ion:152 Resp: 223873

Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 160.7 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

